

DATSUN PICK-UP MODEL 620 SERIES CHASSIS & BODY

SECTION SE

SERVICE EQUIPMENT

NISSAN MOTOR CO., LTD.

SERVICE EQUIPMENT SE- 2

SF

SERVICE EQUIPMENT

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Set "A" - ST09020000	SF-2		

GENERAL DESCRIPTION

- 1. Special tool "Grease Seal Drift ST35390000" is newly set up for the 620 model.
- 2. Special tool "Gear Carrier Stand Assembly ST0732S000" and "Gear Carrier Attachment ST06310000" are used for the purpose of setting gear carrier. This operation can be carried out if either of tools is provided.
- 3. Two kinds of tools are prepared for adjusting differential pinion height.

"Drive Pinion Height Gauge Assembly ST3110S000" has been provided for special tool "Height Gauge ST31101000" (Former tool number ST31100000).

Notes:

- a. Former tool set, No. ST31100000, was composed of "Height Gauge ST31101000" and "Spacer ST31102000."
- b. For service dealers who have only the special tool sets (Set No. ST31100000) for the 521 models, "Dummy Shaft ST31942000" is necessary.

"Drive Pinion Height Gauge Assembly ST3194S000" is newly set up for new service shop.

4. Special tool "Drive Pinion Rear Bearing Inner Race Replacer ST3003S000" is available to both the transmission and differential.

SPECIAL TOOL SETS (SEE ATTACHED TOOL LIST)

The special tool sets are classified into two major categories:

Set "A"-ST09020000

This tools including in Set "A" are offered for the 620 models without regard to their destination.

The set is available for new and other dealers who must go through initial preparation.

Set "B"-ST09030000

This set is designed for the 620 models without regard to their destination.

The set is prepared for dealers who already have the special tool sets for the 610 or 510 models, but have not for the 521 models.

CLASSIFICATION OF SPECIAL TOOL

		Class	ification
		Important	General
I.	Inspection and minor repairs	1	4
II.	General disassembly and assembly	2	5
III.	Special disassembly and assembly	3	3

A. Important

- a. Exclusive with no alternative
- b. Parts likely will be damaged if repaired without special tool.
- c. Gauges
- B. General

To facilitate servicing

- I. Inspection and minor repairs
 - a. Inspection and maintenance
 - b. Unit replacement
 - c. Minor unit disassembly

- II. General disassembly and assembly General disassembly such as engine, transmission and differential.
- III. Special disassembly and assembly
 - Disassembly of exclusive parts such as automatic transmission and electrical accessories
 - Special work such as boring and welding
 - c. Work very rarely required

OOL LIST

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	Tool Number	Tool Name	Class	Reference
	Engine			
	ST05260001	Engine attachment	5	
	ST10120000	Cylinder head bolt wrench	2	
	ST10640001	Pivot adjuster	1	
	ST1103S000	Valve guide reamer	3	
	— ST11031000	Reamer [12.2 mm (0.480 in) dia.]		
	—ST11032000	Reamer [8.0 mm (0.315 in) dia.]		
	ST11033000	Drift		
	ST11650001	Valve seat cutter set	2	
	ST13030001	Piston pin press stand	2	
	ST15310000	Crankshaft rear oil seal drift	2	
	ST1651S000	Crankshaft main bearing cap puller	2	
	— ST16511000	Body		
	ST16512001	Adapter		
l	ST16610001	Pilot bush puller	3	
	ST17420001	Chain stopper	2	
i	ST19150000	Anti-dieseling solenoid spanner	4	
			Company of the contract of the	

Tool Number Tool Number SirtOn Street						O menuaca III caeli sel	n set
Tool Number Tool Number Tool Name Tool Number Tool Number Tool Number Tool Number Tool Number Tool Number Set A Set B				ST0902	ST0903		
Clutch Set A Set B	No.	Tool Number	Tool Name	0000	0000	Clast	Remark
Church ST20630000 Clutch aligning bar Courie ST20630000 Base place Courie ST20050110 Base place Courie ST20050110 Base place Courie ST20050110 Disphtagm adjust wench Courie Cou				Set A	Set B		
ST2063000	2	Clutch					
ST20050010 Base plate O		ST20630000	Clutch aligning bar	0	0	2	
Transmission		ST20050010	Base plate	0		4	Former tool No. ST20051000
Transmission ST20050240 Diaphragm adjust wrench O O O 2		ST20050100	Distance piece	0		4	Former tool No. ST20058001
Transmission Fook rod punch (4dia.) O ST2354000		ST20050240		0		4	Former tool No. ST20050000
ST23340000 Fork rod punch (4dia.) Color of Synchronizer hab buller	ε.	Transmission					
ST22130000 Synchronizer hub puller Counter shaft guide (17dia.) Counter shaft guide (ST23540000	Fork rod punch (4dia.)	0		2	Former tool No. ST23510000
ST23100000 Transmission adapter (31/44 dia.) O 2		ST22130000	Synchronizer hub puller	0	0	2	
Transmission adapter (31/44 dia.) O E		ST23100000	Counter shaft guide (17 dia.)	0		2	
Differential Puller Pull		ST23800000	Transmission adapter (31/44 dia.)	0		2	
— ST30031000 Puller ST30032000 Base ST0732000 Gear carrier stand ass'y ST07321000 Attachment ST07331000 Attachment ST39065001 Diff. side bearing puller ST33061000 Gear carrier attachment ST33061000 Diff. side bearing puller ST33061000 Diff. side bearing puller ST313051001 Diff. side bearing drift ST313051000 Diff. side bearing drift ST313051000 Diff. side bearing drift ST3101000 Diff. side bearing drift ST31105000 Diff. side bearing drift ST311041000 Height gauge ST31941000 Drive pinion height gauge ST31942000 Drive pinion height gauge ST31942000 Drive pinion heig		ST3003S000	Drive pinion rear bearing inner race replacer				Former tool No. ST30030000 Refer to General Information
ST30032000 Base Stand ass'y Stand ass'y Stand ass'y Stand		ST30031000	Puller				
Pifferential Stand ass'y Stand ass'y Stand ass'y -ST07321000 Stand ass'y Stand -ST07321000 Stand -ST07311000 Attachment O 2 -ST033062001 Diff. side bearing puller O 2 -ST33051001 Adapter O 2 -ST33051001 Adapter O 2 -ST33051000 Dirive pinion flange wrench O 2 -ST3103000 Dirive pinion rear bearing inner race replacer O 2 -ST3103000 Dirive pinion height gauge ass'y O 2 -ST31102000 Spacer Spacer Spacer ST311942000 Dirive pinion height gauge ass'y O C -ST311942000 Dirive pinion height gauge ass'y O C -ST31942000 Dirive pinion O C -ST31942000 Dirive pinion height gauge ass'y O C -ST319442000 Dirive pinion height gauge ass'y O C -		ST30032000	Base				
Gear carrier stand ass'y Stand 5 21000 Stand 7 11000 Attachment 5 11000 Attachment 5 11000 Gear carrier attachment 0 2 61000 Body 2 2 51001 Adapter 0 2 51001 Adapter 0 2 31000 Puller 0 2 32000 Base 2 2 01000 Height gauge ass'y 0 2 02000 Spacer 2 2 42000 Dummy shaft 0 2 41000 Height gauge ass'y 0 2 41000 Height gauge 2 2 41000 Drive pinion height gauge 2 2 41000 Height gauge 2 2	4	Differential					
21000 Stand 11000 Attachment 5 11000 Attachment 5 11000 Body 2 61000 Body 2 51001 Adapter 0 2 51001 Adapter 0 2 51001 Adapter 0 2 51001 Puller 0 2 31000 Puller 0 2 32000 Base 2 01000 Height gauge ass'y 0 2 42000 Dirive pinion height gauge ass'y 0 2 42000 Drive pinion height gauge ass'y 0 2 41000 Height gauge ass'y 0 2 41000 Height gauge 2 2		ST0732S000	Gear carrier stand ass'y			2	Refer to General Information
11000 Attachment 5 Gear carrier attachment 0 2 61000 Body 2 51001 Adapter 0 2 51001 Adapter 0 2 51001 Drive pinion flange wrench 0 2 31000 Puller 0 2 32000 Base 0 2 01000 Base 2 2 01000 Height gauge 2 2 02000 Spacer 2 2 42000 Drive pinion height gauge 0 2 42000 Drive pinion height gauge 0 2 41000 Height gauge 2 2 41000 Height gauge 2 2 42000 Drive pinion height gauge 2 2 42000 Drive pinion height gauge 2 2		- ST07321000	Stand				
Gear carrier attachment 5 61000 Diff. side bearing puller 0 2 61000 Body 2 2 51001 Adapter 0 2 1000 Puller 0 2 31000 Puller 0 2 32000 Base 0 2 1000 Base 2 2 0100 Height gauge 2 2 02000 Spacer 2 2 42000 Drive pinion height gauge ass'y 0 2 42000 Drive pinion height gauge ass'y 0 2 41000 Height gauge 2 2 41000 Height gauge 2 2 41000 Drive pinion height gauge 0 2 41000 Drive pinion height gauge 0 2		ST07311000	Attachment				
61000 Body 2 61000 Body 2 61001 Adapter 0 2 51001 Adapter 0 2 51001 Drive pinion flange wrench 0 2 31000 Puller 0 2 32000 Base 0 2 32000 Base 0 2 0100 Height gauge 0 2 02000 Spacer 0 2 42000 Drive pinion height gauge ass³y 0 2 41000 Height gauge 0 2 41000 Height gauge 0 2 42000 Dummy shaft 0 2		— ST06310000	Gear carrier attachment			5	Refer to General Information
61000 Body Former tool No. 51001 Adapter 0 2 Former tool No. 51001 Drive pinion flange wrench 0 2 Former tool No. 31000 Base Refer to General 32000 Base 2 Refer to General 31000 Diff. side bearing drift 0 2 Refer to General 31000 Height gauge 2 Refer to General 31000 Spacer Former tool No. 2 Refer to General 42000 Dummy shaft 0 2 Refer to General 42000 Drive pinion height gauge 0 2 Refer to General 41000 Height gauge 0 2 Refer to General 42000 Dummy shaft 0 2 Refer to General		ST3306S001	Diff. side bearing puller	0		2	Former tool No. ST3306S000
51001 Adapter Adapter Drive pinion flange wrench 0 2 Former tool No. 31000 Drive pinion rear bearing inner race replacer 0 2 Former tool No. 32000 Base 6 2 Refer to General 32000 Diff. side bearing drift 0 2 Refer to General 01000 Height gauge 2 Refer to General 02000 Spacer Former tool No. 42000 Dummy shaft 0 2 Refer to General 41000 Height gauge 2 Refer to General 42000 Drive pinion height gauge 0 2 Refer to General 41000 Height gauge 3 Refer to General 42000 Dummy shaft 0 2 Refer to General		- ST33061000	Body				
Drive pinion flange wrench O 2 Former tool No. 31000 Drive pinion rear bearing inner race replacer O 2 Former tool No. 32000 Base C Refer to General 32000 Diff. side bearing drift O 2 Refer to General 01000 Height gauge 2 Refer to General 02000 Spacer Former tool No. 42000 Dummy shaft O 2 Refer to General 41000 Height gauge ass'y O 2 Refer to General 41000 Height gauge S Refer to General 42000 Dummy shaft O 2 Refer to General		ST33051001	Adapter				
Drive pinion rear bearing inner race replacer O Former tool No. Refer to General Refer to General Refer to General Refer to General S2000 Puller Puller Perfect to General Refer to General Refer to General S2000 Diff. side bearing drift O 2 Refer to General Refer to General Regular gauge ass, y O 2 Refer to General Former tool No. Refer to General Regular gauge ass, y O 2 Refer to General Regular tool No. Regular tool No. Refer to General Regular gauge ass, y O 2 Refer to General Regular to General Regular to General Regular to General Regular gauge ass, y O 2 Refer to General Regular to General Regular to General Regular gauge ass, y O 2 Refer to General Regular to General Re		ST31530000	Drive pinion flange wrench	0		2	
31000 Puller 32000 Base 32000 Base Diff. side bearing drift O 01000 Height gauge 02000 Spacer 42000 Dummy shaft 0 Drive pinion height gauge ass'y O 41000 Height gauge 42000 Dummy shaft		ST3003S000		0		2	
32000 Base Company Diff. side bearing drift Diff. side bearing dr		ST30031000	Puller				
Diff. side bearing drift O 2 0 Drive pinion height gauge ass³y 2 01000 Height gauge 2 02000 Spacer 6 42000 Dummy shaft 0 2 41000 Height gauge ass³y 0 2 41000 Height gauge 2 4 42000 Dummy shaft 6 5		ST30032000	Base				
Drive pinion height gauge ass'y 2 01000 Height gauge 2 02000 Spacer 2 42000 Dummy shaft 0 2 41000 Height gauge 2 2 42000 Dummy shaft 3 3		ST33230000	Diff. side bearing drift	0		2	
01000 Height gauge 02000 Spacer 42000 Dummy shaft 0 Drive pinion height gauge ass'y 0 41000 Height gauge 42000 Dummy shaft		ST3110S000	Drive pinion height gauge ass'y			2	Refer to General Information
02000 Spacer 42000 Dummy shaft Drive pinion height gauge ass'y O 2 41000 Height gauge 2 42000 Dummy shaft 1			Height gauge				Former tool No. ST31100000
42000 Dummy shaft O 2 41000 Height gauge 2 42000 Dummy shaft 6 2		ST31102000	Spacer				
Drive pinion height gauge ass'y 0 2 41000 Height gauge 2 42000 Dummy shaft 1			Dummy shaft				
		ST3194S000	Drive pinion height gauge ass'y	0		2	Refer to General Information
			Height gauge				
		ST31942000	Dummy shaft				

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	Кетагк	Former tool No. ST32110000									Newly established													
ē	Class	5	2	2	2	2		2	2	2	2		2	2	5	2		7	2	2		2	3	3
ST0903	Set B							0	0	0	0		0	0		0								
ST0902 0000	Set A	0	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0				
Total News	AUGH MAINE	Side bearing cap gauge	Drive pinion outer race drift bar	Drive pinion outer race drift adapter	Drive pinion outer race drift adapter	Fork rod punch		King pin bush drift	King pin bush reamer	Lower link bush drift	Grease seal drift		Bearing lock nut wrench	Rear axle stand	Sliding hammer	Bearing puller		Steering gear arm puller	Steering wheel puller	Steering ball joint puller		Brake pipe torque wrench	Master-Vac oil seal press-fit tool	Master-Vac wrench
Tool Number		ST32110001	ST30611000	ST30612000	ST30613000	ST23510000	Front Axle	ST35380000	HT56802000	ST36070000	ST35390000	Rear Axle	ST38020000	ST07630000	ST36230000	ST37140000	Steering	ST27140000	ST27180000	ST27850000	Brake	GG94310000	ST08060000	ST08080000
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